

10/6/3, 053

WEST Search History

Hide Items **Restore** **Clear** **Cancel**

DATE: Tuesday, September 05, 2006

Hide? Set Name Query**Hit Count***DB=PGPB,USPT; PLUR=YES; OP=OR*

<input type="checkbox"/>	L16	L15 not l12	2
<input type="checkbox"/>	L15	L14 not (l3 or l1)	2
<input type="checkbox"/>	L14	l11 and (male near10 (fertil\$ or restor\$))	4
<input type="checkbox"/>	L13	L12 not (l3 or l1)	0
<input type="checkbox"/>	L12	L11 and (pentatricopeptide or ppr)	2
<input type="checkbox"/>	L11	l4 or l5 or l7 or l8 or l9 or l10	49
<input type="checkbox"/>	L10	hayakawa.in. and takahiko.in.	4
<input type="checkbox"/>	L9	sakai.in. and takako.in.	12
<input type="checkbox"/>	L8	koizuka.in. and nobuya.in.	2
<input type="checkbox"/>	L7	(yanagidate.in. or imai.in.) and ritsuko.in.	6
<input type="checkbox"/>	L6	(yanagidate.in. or imai.in.) and ritsoku.in.	0
<input type="checkbox"/>	L5	fujimoto.in. and hideya.in.	5
<input type="checkbox"/>	L4	imamura.in. and jun.in.	33
<input type="checkbox"/>	L3	L2 not l1	2
<input type="checkbox"/>	L2	pentatricopeptide and (radish or raphanus)	8
<input type="checkbox"/>	L1	pentatricopeptide same (male near10 (fertil\$ or restor\$))	6

END OF SEARCH HISTORY

Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20060168694 A1

L1: Entry 1 of 6

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060168694

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060168694 A1

*too late
PM 8/23/06*

TITLE: Male sterility restoration as a selectable marker in plant transformation

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lai; Fang-Ming	Cary	NC	US
Landry; Benoit S.	St-Jean-Richelieu		CA

US-CL-CURRENT: 800/287; 435/468, 435/6, 800/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

2. Document ID: US 20040117868 A1

L1: Entry 2 of 6

File: PGPB

Jun 17, 2004

*parent app
10/451,366*

PGPUB-DOCUMENT-NUMBER: 20040117868

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040117868 A1

TITLE: Protein participating in restoration from cytoplasmic male sterility to fertility and gene encoding the same

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Imamura, Jun	Tokyo		JP
Fujimoto, Hideya	Tokyo		JP
Yanagidate, Ritsuko	Aichi		JP
Koizuka, Nobuya	Kanagawa		JP
Sakai, Takako	Tokyo		JP
Hayakawa, Takahiko	Tokyo		JP

US-CL-CURRENT: 800/274; 530/370

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

 3. Document ID: US 20040088749 A1

L1: Entry 3 of 6

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040088749

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040088749 A1

TITLE: Protein involved in restoration of cytoplasmic male sterility to fertility and gene encoding the protein and gene

PUBLICATION-DATE: May 6, 2004

inst. aff
10/6/13, 053

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Imamura, Jun	Tokyo		JP
Fujimoto, Hideya	Tokyo		JP
Yanagidate, Ritsuko	Aichi		JP
Koizuka, Nobuya	Kanagawa		JP
Sakai, Takako	Tokyo		JP
Hayakawa, Takahiko	Tokyo		JP

US-CL-CURRENT: 800/274; 435/320.1, 435/419, 435/6, 435/69.1, 530/370, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

 4. Document ID: US 20030237112 A1

L1: Entry 4 of 6

File: PGPB

Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030237112

app 10/345,072

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030237112 A1

TITLE: Nuclear fertility restorer genes and methods of use in plants

clp of 10/175,144

PUBLICATION-DATE: December 25, 2003

7/12/02

prevs 7/01

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brown, Gregory G.	Montreal	NC	CA
Dendy, Charles	St. Luc		CA
Landry, Benoit S.	L'Acadie		CA
Cheung, Wing	Brossard		CA
Jin, Hua	St-Jean-sur-Richelieu		CA
Lai, Fang-Ming	Apex		US

Formanova, Natasha
LaForest, Martin

Jena
St-Luc

DE
CA

US-CL-CURRENT: 800/306; 435/6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

5. Document ID: US 20030126646 A1

L1: Entry 5 of 6

File: PGPB

Jul 3, 2003

10/195,144

7/12/03

10/195,144
7/1/01

PGPUB-DOCUMENT-NUMBER: 20030126646

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030126646 A1

TITLE: Nuclear fertility restorer genes and methods of use in plants

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brown, Gregory G.	Montreal		CA
Formanova, Natasha	Jena		DE
Dendy, Charles	St. Luc		CA
Landry, Benoit S.	L'Acadie		CA
Cheung, Wing	Brossard		CA
Jin, Hua	St-Jean-sur-Richelieu		CA

US-CL-CURRENT: 800/287; 435/183, 435/320.1, 435/419, 435/6, 435/69.1, 536/23.6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

6. Document ID: US 7071375 B2

L1: Entry 6 of 6

File: USPT

Jul 4, 2006

10/195,144

US-PAT-NO: 7071375

DOCUMENT-IDENTIFIER: US 7071375 B2

TITLE: Nuclear fertility restorer genes and methods of use in plants

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20030126646 A1	July 3, 2003

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACs					

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 20060174380 A1

L3: Entry 1 of 2

File: PGPB

Aug 3, 2006

PGPUB-DOCUMENT-NUMBER: 20060174380

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060174380 A1

TITLE: Method to trigger RNA interference

PRV filed
1/17/05

PUBLICATION-DATE: August 3, 2006

ND

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Carrington; James C.	Corvallis	OR	US
Allen; Edwards	O'Fallon	MO	US

US-CL-CURRENT: 800/285; 435/419, 435/468, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

2. Document ID: US 20030177535 A1

L3: Entry 2 of 2

File: PGPB

Sep 18, 2003

10/341,200 1/10/03
PRV 1/10/03

PGPUB-DOCUMENT-NUMBER: 20030177535

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030177535 A1

TITLE: Genes for altering mitochondrial function and for hybrid seed production

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hanson, Maureen	Ithaca	NY	US
Bentolila, Stephane	Ithaca	NY	US
Alfonso, Antonio A.	Nueva Ecija		PH

US-CL-CURRENT: 800/287; 435/200, 435/419, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 5866782 A

L16: Entry 1 of 2

File: USPT

Feb 2, 1999

US-PAT-NO: 5866782

DOCUMENT-IDENTIFIER: US 5866782 A

J

TITLE: Gene which determines cytoplasmic sterility and a method of producing hybrid plants using said gene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

2. Document ID: US 5644066 A

L16: Entry 2 of 2

File: USPT

Jul 1, 1997

N

US-PAT-NO: 5644066

DOCUMENT-IDENTIFIER: US 5644066 A

TITLE: Methods for introducing a fertility restorer gene and for producing F.sub.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

Clear	Generate Collection	Print
Fwd Refs	Bkwd Refs	Generate OACS

Terms	Documents
L15 not L12	2

Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Tuesday, September 05, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L4	L3 and ((800/278).ccls. or (435/468).ccls. or (800/294).ccls. or (435/469).ccls.)	13
<input type="checkbox"/>	L3	L2 and @ay<2001	64
<input type="checkbox"/>	L2	l1 and (radish or raphanus)	200
<input type="checkbox"/>	L1	(transgen\$ or transform\$) same (male near5 (restor\$ or fertil\$))	4174

END OF SEARCH HISTORY

```

=> s (imamura, j?)/au
L1      346 (IMAMURA, J?)/AU

=> s (fujimoto, h?)/au
L2      3051 (FUJIMOTO, H?)/AU

=> s (yanagidate, r?)/au
L3      1 (YANAGIDATE, R?)/AU

=> s (iami, r?)/au
L4      0 (IAMI, R?)/AU

=> s (koizuka, n?)/au
L5      22 (KOIZUKA, N?)/AU

=> s (sakai, t?)/au
L6      11475 (SAKAI, T?)/AU

=> s (hayakawa, t?)/au
L7      5514 (HAYAKAWA, T?)/AU

=> s l1 or l2 or l3 or l5 or l6 or l7
L8      20317 L1 OR L2 OR L3 OR L5 OR L6 OR L7

=> s (pentatricopeptide? or ppr?)/ab,bi
L9      4360 (PENTATRICOPEPTIDE? OR PPR?)/AB,BI

=> s l8 and l9
L10     5 L8 AND L9

=> dup rem l10
PROCESSING COMPLETED FOR L10
L11     4 DUP REM L10 (1 DUPLICATE REMOVED)

=> d l11 1-4

```

```

L11  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
AN  2004:372951  CAPLUS <<LOGINID::20060905>>
DN  140:387049
TI  Protein and DNA sequences of Raphanus Rf gene involved in restoration of
    cytoplasmic male sterility to fertility in transgenic plants
IN  ***Imamura, Jun*** ; ***Fujimoto, Hideya*** ; ***Yanagidate, ***
    ***Ritsuko*** ; ***Koizuka, Nobuya*** ; ***Sakai, Takako*** ;
    ***Hayakawa, Takahiko***
PA  Mitsubishi Chemical Corporation, Japan
SO  U.S. Pat. Appl. Publ., 85 pp., Cont.-in-part of U.S. Ser. No. 451,366.
    CODEN: USXXCO
DT  Patent
LA  English
FAN.CNT 2
    PATENT NO.          KIND    DATE      APPLICATION NO.      DATE
    -----          -----    -----      -----          -----
PI  US 2004088749      A1    20040506    US 2003-613053    20030707
    WO 2002088179      A1    20021107    WO 2002-JP4092    20020424
    US 2004117868      A1    20040617    US 2003-451366    20031223
PRAI JP 2001-128008      A    20010425
    JP 2001-202082      A    20010703
    JP 2002-20083       A    20020129
    WO 2002-JP4092       W    20020424
    US 2003-451366      A2    20031223

```

```

L11  ANSWER 2 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN  DUPLICATE 1
AN  2003:477070  CAPLUS <<LOGINID::20060905>>
DN  139:128808
TI  Genetic characterization of a ***pentatricopeptide*** repeat protein
    gene, orf687, that restores fertility in the cytoplasmic male-sterile
    Koseno radish
AU  ***Koizuka, Nobuya*** ; Imai, Ritsuko; ***Fujimoto, Hideya*** ;
    ***Hayakawa, Takahiko*** ; Kimura, Yusuke; Kohno-Murase, Junko;
    ***Sakai, Takako*** ; Kawasaki, Shinji; ***Imamura, Jun***

```

10/6/3,053

9/5/06

CS Plantech Research Institute, Aoba-ku, Yokohama, 227-0033, Japan
SO Plant Journal (2003), 34(4), 407-415
CODEN: PLJUED; ISSN: 0960-7412

L11 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:849675 CAPLUS <<LOGINID::20060905>>
DN 137:364410
TI Fertility restorer (Rf) gene for Ogura cytoplasmic male sterility in wild and cultivated radishes
IN ***Imamura, Jun*** ; ***Fujimoto, Hideya*** ; Imai, Ritsuko;
Koizuka, Nobuya ; ***Sakai, Takako*** ; ***Hayakawa,***
*** Takahiko***
PA Mitsubishi Chemical Corporation, Japan
SO PCT Int. Appl., 161 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002088179 CA 2445700 JP 2003289879 EP 1382612 CN 1505639 US 2004088749 US 2004117868	A1 AA A2 A1 A A1 A1	20021107 20021107 20031014 20040121 20040616 20040506 20040617	WO 2002-JP4092 CA 2002-2445700 JP 2002-121715 EP 2002-720587 CN 2002-808968 US 2003-613053 US 2003-451366	2002042 20020424 20020424 20020424 20020424 20030707 20031223
PRAI	JP 2001-128008 JP 2001-202082 JP 2002-20083 WO 2002-JP4092 US 2003-451366	A A A W A2	20010425 20010703 20020129 20020424 20031223		

L11 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1996:726914 CAPLUS <<LOGINID::20060905>>
DN 126:28374
TI Molecular cloning and nucleotide sequence of the gene encoding phosphate-inducible pectin lyase of *Bacillus subtilis*
AU Sakamoto, Tatsushi; Kawasaki, Haruhiko; ***Sakai, Takuo***

=> s (male(10a)(fertil? or restor?))/ab,bi
L12 15237 (MALE(10A)(FERTIL? OR RESTOR?))/AB,BI

=> s 19 and 112
L13 29 L9 AND L12

=> dup rem 113
PROCESSING COMPLETED FOR L13
L14 21 DUP REM L13 (8 DUPLICATES REMOVED)

=> s 114 not 111
L15 18 L14 NOT L11

=> d 115 1-18 ti py

=> d 115 1 3-7 10 12 13 15-18 ab

=> d 115 5 10 12 13 15 17 18 bib

L15 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:359818 CAPLUS <<LOGINID::20060905>>
DN 142:404815
TI What is the ***fertility*** ***restorer*** gene in cytoplasmic ***male*** sterility in plants? Regulation of mitochondrial gene expression by ***PPR*** protein
AU Toriyama, Kinya; Kazama, Tomohiko
CS Grad. Sch. Agric., Tohoku Univ., Japan
SO Kagaku to Seibutsu (2005), 43(4), 212-213

CODEN: KASEAA; ISSN: 0453-073X

PB Gakkai Shuppan Senta

DT Journal; General Review

LA Japanese

L15 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:392601 CAPLUS <<LOGINID::20060905>>

DN 140:387554

TI Use of ***pentatricopeptide*** repeat protein in ***restoring***
fertility of cytoplasmic ***male*** sterile plants

IN Budar, Francoise; Giancola, Sandra; Bendahmane, Abdelhafid; Desloire, Sophie; Delourme, Regine; Marhadour, Sylvie; Falentin-Guyomarc'h, Helene; Falentin, Cyril; Renard, Michel; Gherbi, Hassen; Laloui, Wassi-la; Bonden, Sarah; Wilmer, Jeroen; Clouet, Vanessa

PA Genoplante-Valor, Fr.; et al.

SO PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004039988	A1	20040513	WO 2003-FR3224	20031029
	WO 2004039988	C2	20050407		
	CA 2503837	AA	20040513	CA 2003-2503837	20031029
	AU 2003288341	A1	20040525	AU 2003-288341	20031029
	EP 1556495	A1	20050727	EP 2003-780246	20031029
	PRAI FR 2002-13512	A	20021029		
	WO 2003-FR3224	W	20031029		

L15 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:1007945 CAPLUS <<LOGINID::20060905>>

DN 140:54534

TI Sequences of radish nuclear ***fertility*** ***restorer*** genes
and use in producing ***male*** -sterile plants

IN Brown, Gregory G.; Dendy, Charles; Landry, Benoit S.; Cheung, Wing; Jin, Hua; Lai, Fang-Ming; Formanova, Natasa; Laforest, Martin

PA Can.

SO U.S. Pat. Appl. Publ., 48 pp., Cont.-in-part of U.S. Ser. No. 195,144.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003237112	A1	20031225	US 2003-345072	20030115
	US 2003126646	A1	20030703	US 2002-195144	20020712
	US 7071375	B2	20060704		
	CA 2492136	AA	20040122	CA 2003-2492136	20030116
	WO 2004006655	A2	20040122	WO 2003-US1343	20030116
	WO 2004006655	A3	20040408		
	AU 2003209266	A1	20040202	AU 2003-209266	20030116
	EP 1532252	A2	20050525	EP 2003-707416	20030116
	PRAI US 2001-305026P	P	20010712		
	US 2001-305363P	P	20010713		
	US 2001-308736P	P	20010730		
	US 2002-195144	A2	20020712		
	US 2003-345072	A	20030115		
	WO 2003-US1343	W	20030116		

L15 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:690598 CAPLUS <<LOGINID::20060905>>

DN 139:346594

TI The radish Rfo ***restorer*** gene of Ogura cytoplasmic ***male***
sterility encodes a protein with multiple ***pentatricopeptide***
repeats

AU Brown, Gregory G.; Formanova, Natasa; Jin, Hua; Wargachuk, Richard; Dendy, Charles; Patil, Prashant; Laforest, Martin; Zhang, Jinfa; Cheung, Wing Y.; Landry, Benoit S.

CS Department of Biology, McGill University, Montreal, QC, H3A 1B1, Can.

SO Plant Journal (2003), 35(2), 262-272

CODEN: PLJUED; ISSN: 0960-7412

L15 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:417345 CAPLUS <<LOGINID::20060905>>
DN 139:174535
TI Identification of the fertility restoration locus, Rfo, in radish, as a member of the ***pentatricopeptide*** -repeat protein family
AU Desloire, Sophie; Gherbi, Hassen; Laloui, Wassila; Marhadour, Sylvie; Clouet, Vanessa; Cattolico, Laurence; Falentin, Cyril; Giancola, Sandra; Renard, Michel; Budar, Francoise; Small, Ian; Caboche, Michel; Delourme, Regine; Bendahmane, Abdelhafid
CS Unite de Recherches en Genomique Vegetale INRA, CNRS, Evry, 91057, Fr.
SO EMBO Reports (2003), 4(6), 588-594
CODEN: ERMEAX; ISSN: 1469-221X

L15 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:58222 CAPLUS <<LOGINID::20060905>>
DN 138:132212
TI Radish nuclear fertility restorer (Rfo) genes and Rf proteins and their use in plant breeding
IN Brown, Gregory G.; Formanova, Natasa; Dendy, Charles; Landry, Benoit S.; Cheung, Wing; Jin, Hua
PA McGill University, Can.; DNA Landmarks, Inc.
SO PCT Int. Appl., 166 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003006622	A2	20030123	WO 2002-US22217	20020712
	WO 2003006622	A3	20031023		
	CA 2452633	AA	20030123	CA 2002-2452633	20020712
	EP 1404814	A2	20040407	EP 2002-756461	20020712
	PRAI US 2001-305026P	P	20010712		
	US 2001-305363P	P	20010713		
	US 2001-308736P	P	20010730		
	WO 2002-US22217	W	20020712		

L15 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:624277 CAPLUS <<LOGINID::20060905>>
DN 137:347259
TI A ***pentatricopeptide*** repeat-containing gene ***restores*** ***fertility*** to cytoplasmic ***male*** -sterile plants
AU Bentolila, Stephane; Alfonso, Antonio A.; Hanson, Maureen R.
CS Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY, 14853, USA
SO Proceedings of the National Academy of Sciences of the United States of America (2002), 99(16), 10887-10892
CODEN: PNASA6; ISSN: 0027-8424

=> s (raphanus or radish?)/ab,bi
L16 16981 (RAPHANUS OR RADISH?)/AB,BI

=> s l16 and l9
L17 15 L16 AND L9

=> s l17 not l15
L18 8 L17 NOT L15

=> dup rem l18
PROCESSING COMPLETED FOR L18
L19 6 DUP REM L18 (2 DUPLICATES REMOVED)

=> s l19 not l11
L20 3 L19 NOT L11

=> d l20 1-3

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:620114 CAPLUS <<LOGINID::20060905>>
DN 134:1779
TI A chloroplastic RNA-binding protein is a new member of the ***PPR***

family
AU Lahmy, S.; Barneche, F.; Derancourt, J.; Filipowicz, W.; Delseny, M.; Echeverria, M.
CS Laboratoire 'Genome et Developpement des Plantes, Universite de Perpignan, UMR CNRS 5096, Perpignan, Fr.
SO FEBS Letters (2000), 480(2,3), 255-260
CODEN: FEBLAL; ISSN: 0014-5793

L20 ANSWER 2 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2003:428049 BIOSIS <<LOGINID::20060905>>
DN PREV200300428049
TI Identification of the fertility restoration locus, Rfo, in ***radish***, as a member of the ***pentatricopeptide*** -repeat protein family.
AU Desloire, Sophie; Gherbi, Hassen; Laloui, Wassila; Marhadour, Sylvie; Clouet, Vanessa; Cattolico, Laurence; Falentin, Cyril; Giancola, Sandra; Renard, Michel; Budar, Francoise; Small, Ian; Caboche, Michel; Delourme, Regine; Bendahmane, Abdelhafid [Reprint Author]
CS Unite de Recherches en Genomique Vegetale, INRA CNRS, 2 Rue Gaston Cremieux, 91057, CP5708, Evry Cedex, France
bendahm@evry.inra.fr
SO EMBO Reports, (June 2003) Vol. 4, No. 6, pp. 588-594. print.
ISSN: 1469-221X (ISSN print).

L20 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2003:378698 BIOSIS <<LOGINID::20060905>>
DN PREV200300378698
TI The ***radish*** Rfo restorer gene of Ogura cytoplasmic male sterility encodes a protein with multiple ***pentatricopeptide*** repeats.
AU Brown, Gregory G. [Reprint Author]; Formanova, Natasa; Jin, Hua; Wargachuk, Richard; Dendy, Charles; Patil, Prashant; Laforest, Martin; Zhang, Jinfa; Cheung, Wing Y.; Landry, Benoit S.
CS Department of Biology, McGill University, Montreal, PQ, H3A 1B1, Canada
browng@dnalandmarks.ca
SO Plant Journal, (July 2003) Vol. 35, No. 2, pp. 262-272. print.
ISSN: 0960-7412 (ISSN print).

=> d 120 ab

=> s (agrobacterium or microproject? or microinject? or electroporat? or biolistic? or transgen?)/
L21 237251 (AGROBACTERIUM OR MICROPROJECT? OR MICROINJECT? OR ELECTROPOORAT? OR BIOLISTIC? OR TRANSGEN?)/AB,BI

=> s 121 and 112
L22 669 L21 AND L12

=> s 121(l)112
L23 541 L21(L) L12

=> log y

STN INTERNATIONAL LOGOFF AT 19:15:55 ON 05 SEP 2006